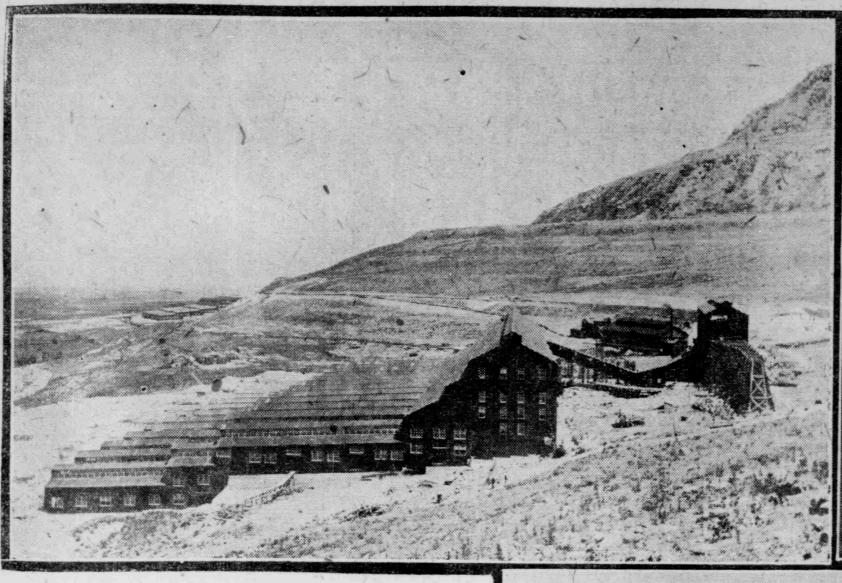
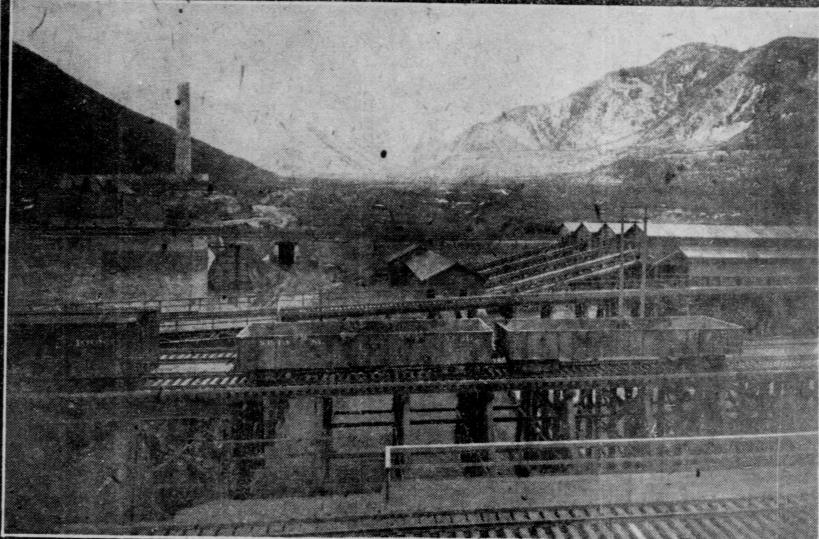
## GARFIELD, COPPER SMELTER AND MILL TOWN





Boston Consolidated Concentrator.

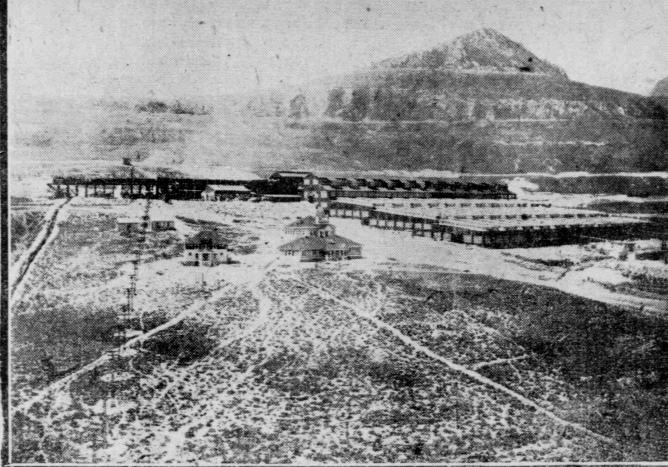
named after the famous old bathing re- little place in which to reside sort on the shores of the Salt lake, a One of the accompanying half-tone few miles beyond. The place now has pictures shows the mammoth 2,000-ton a population of about 2,000 people, and copper smelting works of the Garfield and numerous private boarding houses. diary companies of the American There are about 100 dwelling houses and Smelting & Refining company, that has cottages of neat design in the place, cost something like \$3,000,000 to date. the employes of the mammoth smelting crude ore and concentrates per day, and milling works of the three compa- and a force of 1,000 men is employed. nies which own all the stock in the The capacity of the works is being city in every respect and, as the smel- will be able to handle 2,000 tons a day. ter works are enlarged and the capaci- Another picture shows the 6,000-ton ties of the great milling plants are in- milling plant of the Utah Copper comcreased, as they are sure to be as the pany, one of the biggest copper ore years roll by, the town will grow to dressing plants in the world, which is much larger propostions. The sale of now running at about two-thirds caliquor is restricted, and there are no pacity, with other sections being bawdy houses or tough resorts of any brought into commission as rapidly as kind within its limits. The town was circumstances will permit. This milling built for a double purpose, one to en-courage a high class of labor to seek em-power plant, with its magnificent electric power plant, its pumping station, maployment at the various works, and the chine shops and other buildings, covers other to protect the community against a ground space of approximately ten the inroads of professional crooks and acres, and everything about the works grafters, strife-breeders, thugs and suggests all that the company has bums. It is intended as a community claimed, namely, that the works were

aim is to make and keep it such. the Garfield Waterworks company is over the Utah Copper company will be owned and officered by the Garfield able to operate its mines, mills and

Fourteen miles west of Salt Lake, on | these corporations surround it for miles the line of the San Pedro, Los Angeles on all sides. Waterworks, electric & Salt Lake and the Western Pacific lights and all modern conveniences are railroads, is the two-year-old copper at the disposition of the residents, and smelter and mill town of Garfield, the town is rapidly becoming a popular

supports three hotels, a general store Smelting company, one of the subsiwhich is designed as a home town for It is now handling about 1,200 tons of townsite company. It is a model little built up and, within a few months it

of respectable, honest people, and the being built to stand the test of time. General Manager D. C. Jackling states The Garfield Townsite company and that when the period of construction is Smelting company, the Utah Copper power plants, all of them, with a force company and the Boston Consolidated of approximately 1,000 men. The comcompany, jointly, and the lands of pany now has on its payrolls not far



Main Plant of Utah Copper Company.

## Garfield Smelter of the American Smelting & Refining Company.

from 1,500 men. To mine and mill 7,000 finished, the bins are full of ore and tons of ore a day with such a force the limbering up of the first section of explains why the company expects to the works is now under way, or will produce copper at a cost that will allow be in a day or two. It is the purpose big profits on even a 13c market.

The third illustration shows the milling plant of the Boston Consolidated thus make it an equal factor in the company, with its capacity of 3,000 tons handling of Bingham porphyry with of ore per day. This mill has just been the works of the Utah Copper company

## THE BINGHAM-NEW HAVEN. The company has had several large projects on its hands during the rast

work of the claims with their capital ping facilities about 50 per cent.

every prospect that the property will looked after the comfort of the men stay in the dividend-paying class for with great care, and several new cota long time to come, as the work that deposits of high values. The manner of twenty-five claims at the head in which the development work was Carr's fork, in Bingham, and is situ-

lits way towards bigger things.

Among the big dividend payers of two years and have cleaned them all the past year has been the Bingham- up in a most satisfactory manner. The New Haven Copper & Gold property, heaviest piece of work accomplished a company which for the past two was the completion of the tramway, a years, in fact, has proven worthy of work that meant a reduction in the all confidence placed in it by the men cost of transportation of more than 40 who have backed the development per cent, and which increased the shiptramway is 4,500 feet long and brings dend-paying class early in 1905, and railroad. The result has been that the has steadily increased in value, until increased ore shipments have been today there are few properties show-ing a more substantial gain. There is During the year the company has now being pushed on the workings in addition to those elected last year. of the mine show indications of big ore The property of the company consists

planned and carried out indicates that ated between the Bingham Central, the the management of the company knew Utah Consolidated and the Boston about what there was in the property. Consolidated properties. The company This has been the most prosperous is controlled by New Haven capitalists year in the history of the company, not and managed by C. H. Doolittle of Salt only because the dividends have come Lake, with offices at 306 Herald buildregularly and with constantly increas- ing. Mr. Doolittle is one of the best ing volume, but principally because the known and most energetic mining opemanagement has the property well on rators in the west and knows the min-

## PARK CITY MAINTAINS ADMIRABLE RECORD

Jesse Knight Makes His Debut.

has taken possession again, and it is promised that the future will be brighter than even the brightest years in the past. Several things have militated against the town during the past year. principal amongst which was the unrest of lack of confidence manifested not by the merchants and business men generally of the camp. The fact, too. familiar with the conditions of Park officers at the helm, and while it is City knew the absolute necessity for given out that there were other interthe opening of the waterway and how ests in the property, the old managevitally it affected the mining industry

Silver King Coalition Mines Co.

several things which have done not a little for the future of the camp, chief of which was the consolidation of the period in the history of either the Sil-Silver King and the various properties north and west of the King into the by the coalition. Silver King Coalition Mines company, the absorbing of the Ontario and Daly by the Bamberger interests, and lastly, the determination of Jesse Knight to take a chance in this locality, and the former years. The management has zinc product. On October 1 the Grasstake a chance in this locality, and the subsequent formation of the Treasure been handicapped by the cave-in in the drain tunnel, which has rehdered tucky and Creole claims. Another featucky and Creole claims. tucky and Creole claims. Another leasure with the deposits of ore below the 1,500- ducers of the town, determined to estimate the latter which, while not of such impor- great deposits of ore below the 1,500- ducers of the town, determined to estimate the latter which while not of such impor- is known as Graveyard hill. They have tance, perhaps, was the determination foot level on account of the great quan- tablish a plant in Park City, and acof the Graseni Chemical Company to the control of the buildings, etc. At this writing Thayne's Canyon district. In the latan opportunity to the Daly Judge and troubles galore, but in the end won a good-sized building is completed, and other zinc-producing properties of the camp to market a portion of their product which heretofore has been put over the dump. Taken on the whole over the dump. then the events redounding in good for about through the instruction of the com- stated by the Daly-Judge management two having a little better showing than engineer. There are scores of engi- neighbor about through the instruction of the com- stated by the Daly-Judge management two having a little better showing than engineer. There are scores of engi- neighbor about through the instruction of the com- stated by the Daly-Judge management two having a little better showing than engineer. the camp greatly overshadow those pany to law away a surplus for the that the one will run about 20 per cent the other. However, the Mountain City which militated against the progress of purpose of sinking the shaft, as it is zinc, and with the values now being Park City, and it takes no great op- now expected that this work will be had for the metal it is certain that the with a good bunch of stockholders, it Park City, and it takes no great op- taken up again shortly, and the ex- zinc plant can be run at a profit. An- is fully expected that in a short time

which in any way affects any of these in as good a manner as could be expect- process handles the ores by dry process properties affects the entire community. ed in the circumstances. The force at and heat. This is, according to experts In Park City the properties which may the Ontario has been reduced to a in the line, the successful way of treatbe considered the producers of the place minimum as a result of the work in the ing the Park City ores as they carry are the Silver King Coalition, Daly- tunnel, and very little, if any, produc- such an amount of iron that other proc- bles, and during the entire year, or un- He has made a reputation for himself property was disposed of by the old West, which includes the Ontario and tion is going on at all. The Daly has esses fail. The new plant will be in til the settlement of the Daly-West of which any man might well be proud, owners. Mr. Jennings' reputation was Daly: Daly-Judge and the American been in the hands of leasers, and no

What Happened to the Silver King.

ment held at the beginning and now On the other hand, there have been dividends on the capitalization of 12 per cent per annum, and have greater ore! bodies now developed than in any ver King or any of the mines absorbed

Affairs at the Daly-West. great amount of ore has been sold.

Daly-Judge Looks Well.

After having shipped 91,255 tons of James McGregor and others against the with a view to again resuming the pay- The property is being worked in a quiet strike mentioned the miners of down leading men of town, and all the min- compares favorably with any town of After naving shipped 31,205 tons of ore during the past twelve months, the year 1907 goes into history at Park City as one of the leanest periods since the opening of mines here. For many reasons things have been rather on sition had been made to settle. It later to the continue to the past twelve months, the fore against the with a view to again resuming the pay-ment of dividends, which were discontinued about the first of the present they continue to ship and that a full force of men are steadily employed is an evidence that the mine is a paying leading men of town, and all the miners of 40wn manner and nothing is given out for gained a world of experience and, incident in the present they continue to ship and a world of experience and, incident in the present they continue to ship and the reasons things have been rather on all the miners of 40wn manner and nothing is given out for gained a world of experience and, incident in the present they continue to ship and the reasons the proportion and then it was given out that a proposition. The fact, though, that they continue to ship and the remaining the pay-ment of dividends, which were discontinued about the first of the present they continue to ship and the remaining the pay-ment of town, and all the miner and nothing is given out for gained a world of experience and, incident the first of the present they continue to ship and the remaining the pay-ment of dividends, which were discontinued about the first of the present they continue to ship and a world of experience and, incident the mine is size in America and a world of experience and, incident the mine is size in America and according to the club has done considerable, and the pay-ment of the p sition had been made to settle. It later rell great bodies of ore have been de- proposition developed that a deal was being pushed veloped. At the present time the comby the owners of the King for a sale pany is working at the installation of of their property and later still came the electric motor for transportation the word that the company had finally of ores to the mill of the company. It decided to settle upon terms which were was found necessary to take up conagreed upon, and that in a short time siderable of the bottom in the tunnel properties, and that he had his eye on old town. which seemed to prevail amongst the the properties which were in the suit in order that the motor might be inlaboring men, and the general feeling would be taken into a proposed con-stalled and this necessitated almost a had made a sparkling showing for a solidation. The entire holdings of Mc- retimbering of the entire tunnel. It is short time, and then through bad manof lack of confidence manifested not struct the first are employed to instruct the 1,200 Daly-West, Daly-Judge and a few of ing of the Keith, Kearns, Belmont, ten-ton motor will make its first trip property retired into the background, time since the city was incorporated a school children, and the work is done the dividend-payers, the time is not Odin. Crescent, Alliance, and several and from that time on the ores and and it was through that the end club of residents has been organized in four finely equipped buildings, three far distant when there will be a new that the Ontario tunnel remained closed smaller properties were absorbed, and waste for the property will be handled by after the hardest kind of work for its in June of this year the deal was closed at a minimum of expense, as the power recovery on the part of the management and the papers filed for the incorpora- will be made by the water from the was a discouraging feature which tion of the new company. The company tunnel, and the same machinery will would not down, as all who are at all was formed with the old company serve to run both motors and mill, Will Try for Zinc Values. The shipments of the property during holds all the responsibility for the op- 1906, when dividends were paid, but

the year have been as great as during cration of the new company. At the owing to decreased prices in metals present time the company is paying and the improvements above mentioned shaft, and according to the statements been made to establish a plant to work the ore. However, attempts have failed

at different times to produce the de sired quality of concentrates after At the Daly West things have moved treatment, and as a result there have along at about the same rate as in been no definite attempts to handle the reliable producers, and anything management, things are moving along handling the ore will be that the new the big ones of town.

Taste of Labor Troubles.

Early in the past summer it was ru- fact that most of the men who work ing line, several new businesses have ness has not been as good as in some mored that Jesse Knight was begin- in Park City and try other states and been opened in Park City.

Will Advertise Park City.

Uintah Treasure Hill. This property tune had been spent by the Woodside and doing all possible for the up-build- any such structures in the state. people in trying to find the lost vein of ing and betterment of the town. The the property added considerable force club has a membership of over 200, and to the statement that the Treasure includes in its membership all the Hill was a "dead one." However, after considerable dickering the Creole and E. P. JENNINGS. Kentucky groups of claims were piaced in one consolidation and, with 1,000,000 shares, began operations. The develop-Mining Engineer. ment work is being done in the Creole

Hill Coalition will be a big mine. Watch Some of the Prospects. The prospects of town which are being watched with interest are the sunk a shaft over 200 feet, and are now to "see under ground" very far until and knew the intricacies of the profess a retentive memory. The professor an-Graselli Chemical company to tity of water encountered below that cordingly went about the construction drifting toward town and toward the ter drift a stringer of value-bearing is being managed by M. J. Daly, and day show what the school of practical neer, Mr. Jennings went west to the pense will be heavy. At the Ontario other advantage which the new plant after work begins in the spring the Like all mining camps, Park City has and Daly, both properties of the same will have over all other attempts at Iron canyon property will be among

> During the past year Park City experienced its first taste of labor trouoperation about the first of February. Strike, there existed an unsettled condition of affairs as a result of threat-said except that they have shipped ened strikes and lockouts, brought

Utah, or in the United States. The ests of the town. above statement may be, on its face, During the past year, while there a broad one, but it is borne out by the has been but little going on in a build- condition financially, and while busi-

Park City Health Is Good.

are perhaps more expert mining engi- road, constantly examining the great- His experience extends over thirty-five there have been no payments. Zinc in the statement of the the ores has been a detriment to the big page name have added a lot to the ores has been a detriment to the begin with. Jesse Knight and United States or of all America, a man is a man wide traveled the brospecting interests on the town of his profession, and become recogthe prospecting interests on the town of his profession and become recogside of the hill, and it is fully antici-nized as one of the really big men of pated that in a short time the Treasure the line is about as surely made as men get nowadays.

He is recognized as one of the most cured him the position of superintendpractical, one of the surest and safest ent of the Highland Boy in Utah. He experts that ever went down a shaft, remained in that position until

so extensive is its scope and reach.

school system than in Park City, and a of extraordinary prosperity. There are high school giving a full four-year new mines to be found in Park City, course has been conducted here for the and while the place is now only asso-The condition of town is as good as last eight years. Thirty-five teachers ciated with the Silver King, Ontario,

past thirty years has required the ser- and to the eastern shores of America vices of an expert engineer. He is in to pass judgment upon mining properhis office about two days a month, ties. He is recognized as one of the judging from the amount of time it leading mining experts, mineralogists In a state and country where there takes to locate him. Constantly on the and geology experts Utah can boast

Self Taught. The iron ranges of the Lake Superior into the ground by men who trusted country formed the only mining school his work to the limit. There is no other place in the world that Mr. Jennings ever attended. But where a man has to stand on merit attend this school he did, to the rule glone as he does in the western mining of a hard day's work with pick, shovel world, particularly if that man pro- and lamp by day and books, maps and fesses to be a mining engineer. West- estimates by night, until he graduated ern miners and the stockholders of the as a man who knew every foot of the big operating companies are generally country, knew the mining game as it fessor of mathematics at Harvard, was pretty skeptical as to a man's ability is played by men beneath the surface once asked by a student how to develop he shows what he is made of a few sion as a book-taught man can never swered that ordinary mental exercise was times and in an unmistakable manner. know. Born in Massachusetts, he re- sufficient to secure a good memory, The west and particularly the inter- ceived his elementary schooling in the whereat the student asked if he might mountain country centering about Salt schools of New York state. He grad-Lake is full of mining men who are uated from Union college in New York or. Professor Byerly agreed, and the stuexamples of what mining schools do in 1873, as a civil engineer and later dent asked him to listen to and rememand do not do for the aspiring mining studied chemistry and geology at Corneers throughout the country who to- determined to become a mining engi- began: experience does for the would-be min- Lake Superior iron ranges, and began ing engineer. Of such a school and his work. It took years of work and such a man is E. P. Jennings, 101 Mer- study, but when he quit and came west milk, three onions, half a gallon of mocantile building, Salt Lake City, Utah. he was accounted one of the best min- lasses and two raw eggs. There is no better mining engineer in ing engineers in the country. He the western country than Mr. Jennings. brought a reputation with him that semade, however, and he entered upon his From Newfoundland to the Pacific chosen profession of consulting mining coast and from Alaska to Mexico, Mr. engineer with an energy and vim that Got that down over 14,000,000 pounds of ore during the about by agitation and a desire to have Jennings has put foot in practically brought rewards quickly and surely. Some time in 1906 a suit was begun by The Daly Judge is doing many things past year, and all carries good values. the union recognized. However, in the every great mining property that in the Today he is called to Mexico, to Alaska

ately than in any town in the state.

On the whole, Park City is in good of the past years, it must be remem-Nowhere in Utah is there a better bered that the town has had some days bunch of money-makers, and it might be said here that the old ones are good for years, and accordingly Park City From a health standpoint, Park City has yet to see her brightest days.

> the most famous properties ever discovered in America. Upon his judgment millions of dollars have been put

Mr. Jennings' home is in Salt Lake.

ONE ON THE PROFESSOR. (Boston Herald.)

The scholarly William E. Byerly, pro-

"One quart of whisky."

"Um!" said the professor. "Six pounds of sugar, a pint of sour

"Um!" said the professor,

"One quart of whisky." "Um!" said the professor. "Two green apples, twenty-six peanuts,

one and one-half cucumbers and four mince pies.' "Um!" said the professor.
"A package of starch, sixty-seven cakes veasteand the skins of seven bananas.

answered Dr. Byerly